

| 1ST AND 2ND ORDERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 3RD AND 4TH ORDERS |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------|--|
| PROCESSES AND PROPERTIES INDEX                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                    |  |
| CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 15                 |  |
| <p>Determining the adsorption of acetic acid in soils.<br/>           I. P. Sarishvili, <i>Pochvoedenie</i> (Pedology) 1948, 184-9. --<br/>           The red soils (red loam) adsorb some AcOH when acetate<br/>           is used in detg. hydrolytic activity. Soils showing a hy-<br/>           drolytic acidity lower than exchange acidity adsorb more<br/>           AcOH. A method of detg. AcOH and type of app. used<br/>           are described and illustrated.<br/>           J. S. Joffe</p> |  |                    |  |
| <p>Lab. agrochemistry, Inst. Soils im. Dokuchaev, AS USSR</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                    |  |
| <p>ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                    |  |
| SOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | SOURCES            |  |
| SOURCES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | SOURCES            |  |

SARISHVILI, I. F.

22528

Sarishvili, I. F. O Prichine Povyshennykh Pokazanii Obmennoi  
Kislotnosti Po Sravneniyu S Gidroliticheskoi Kraenozemnoi  
Pochvoi Trudy Gruz C-X In-Ta Im Beriia TXXX 1949 S 5-23

SO:

Letopis' No. 30, 1949

Biblio Gr. 15 Nazv

SARISHVILI, I. F.

22529

Sarishvili, I. F. Podv'zhnost' Zheleza I Alyminia V Krasnozemykh  
Pochyax Trudy Gruz C-X In-Ia Im Beriya T XXX 1949 C 25-33  
Bibliogr: 10 Nazv

SO:

Letopis' No. 30, 1949

4 Agrotekhnika Obshcheye Rasteniyevodstvo. Zashchita Rasteniy

SARISHVILI, I. F.

22527

Sarishvili, I. F. Voprasy Izvestkovaniya I Silikatirov Aniya  
Krashozemnykh Pochv Trudy Gruz S-Kh In-TA Im Beriia T XXX 1949  
S 187-218 - Bibliogr: 37 Nazv

SO:

Letopis' No. 30, 1949



CA

Increasing the coefficient of fertilizer utilization. I. P. Surishvili. *Trudy Inst. Pochvovedeniya, Akad. Nauk Gruz. SSR*, 3, 173-80 (1950) (Georgian with Russian summary).—Exptl. and literature data indicate that the coeff. of fertilizer utilization by agricultural plants is rather low. The utilization of nitrogenous fertilizer is greater than of P fertilizers. The interaction of the factors affecting fertilizer utilization, nature of soil, mode of application, d. of stand, irrigation, etc., is complex and requires detailed study. Some of it is discussed. M. Hosh

2205. Sarishvili, I.F.

Izvestkovani Ye Pochy. Toilisi, IZD-Vo Gruz. s.-Kh. In-Ta, 1954.  
52s. s Ill. 23 sm. (M-Vo Sel'skogo Khozya-Ystva Gruz. SSR. Grav. Upr.  
S.-Kh. Propagandy I Nauki). 2.000 EKZ. Bespl.- Na Gruz. Yaz.-  
(54-56775)

SARISHVILI, I.F.; URUSHADZE, G.K.; SALIYEVA, N.V.

Using fertilizers for corn. Pochvovedenie no.12:38-47 D '56.  
(MLBA 10:2)

1. Sel'skokhozyaystvennyy institut Gruzii, Kafedra agrokhimii.  
(Corn (Maize)) (Fertilizers and manures)

SARISHVILI, I.F., prof.; NAKAIDZE, I., dotsent, red.

[Theory and practice of the liming of Red and Red-Podzol soils of the humid subtropic regions of Georgia] Teoriia i praktika izvestkovanii krasnozemykh i krasnozumno-podzolistykh pochv vlashnykh subtropikov Gruzii. Tbilisi, Izd-vo Gruzinskogo ordena Trudovogo krasnogo znameni SKhI instituta, 1957. 265 p. (MIRA 11:12)  
(Georgia--Liming of soils)

USSR/Soil Science. Mineral Fertilizers

J-5

Abs Jour : Ref Zhur - Biol., No 20, 1958, No 91459

Author : Shishniashvili, ~~Serishvili~~, Prokof'yeva

Inst : Institute of Chemistry, AS Georgian SSR

Title : A Comparison of the Effectiveness of Limestone and Blast-Furnace Slags on Red Earth Soil

Orig Pub : Tr. In-ta khimii AN GruzSSR, 1957, 13, 67-76

Abstract : The results of laboratory experiments and vegetative tests on red soil, carried out in the Institute of Chemistry of the Academy of Science, Georgian SSR, showed that additions of silicate (blast-furnace slags etc) contain less CaO in balanced solutions than  $\text{CaCO}_3$ . It has been also found that they can be applied to the soil in higher doses than  $\text{CaCO}_3$ .  
-- N.N. Sokolov

Card : 1/1

YDOVICHENKO, V.T.; GALENKO, N.P.; SARISHVILI.

Investigating methane chlorination in melts of chloride salts of metals.  
Ukr. khim. zhur. 23 no.1:110-116 '57. (MIRA 10:6)

1. Institut ispol'sovaniya gasa Akademii nauk USSR.  
(Methane) (Chlorination)

SARISHVILI, I.G.

"A Study of the Process of the Purification of Gases by the Removal of Organic Sulfurous Compounds With Activated Clays From Georgian SSR Deposits."  
Card Tech Sci, Moscow Order of Lenin Chemcotechnological Inst imeni D.I. Mendeleev, Moscow, 1954. (KL, No 18, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations  
Defended at USSR Higher Educational Institutions (16)

ZEL'VENSKIY, Ya.D.; SARISHVILI, I.G.

Purification of gases from sulfur organic compounds by means of activated  
clays from deposits in the Georgian S.S.R. Zhur.prikl.khim.29 no.6:833-  
841 Je '56. (MIRA 9:9)  
(Georgia--Clay) (Gas) (Sulfur)



SARISHVILI, I.G.

✓ Scrubbing organic sulfur compounds from gases with  
activated alumina from the Georgian B. B. E. Ya. D.  
Zel'venski and I. G. Sarishvili. *J. Appl. Chem. U.S.S.R.*  
29, 906-12(1956) (English translation).—See C.A. 50,  
17350a. B.M.R.

Chlorination of methane in fused metal chloride bath  
 V. T. Yedrichenko, N. F. Gajenko, and L. A. Gajenko  
 Kirov. Khim. Zhur. 23: 110-118 (1967) (in Russian)

attempt was made to increase the yield of chlorinated product by adding O to the gas stream and CuCl<sub>2</sub> to the bath. It was hoped that this would oxidize some of the HCl formed back to Cl and that the bath would effectively carry away the heat of the reactions. The bath consisted of KCl 35.1, ZnCl<sub>2</sub> 40.7, and CuCl<sub>2</sub> 24.2 mole-%. The optimum utilization of Cl occurred at 0.68-0.85 O-Cl at 450°. It was possible to obtain 64% of the Cl used in the resulting mixt. of 85-90% MeCl, 9-14% CH<sub>2</sub>Cl, and 2-6% CHCl<sub>3</sub>.

J. H. S.

dm fra  
 org

SARISHVILI, I.G.

K-1

USSR/Processes and Equipment for Chemical Industries -  
Processes and Apparatus for Chemical Technology.

Abs Jour : Ref Zhur - Khimiya, No 2, 1957, 6926

Author : Zel'venskiy, Ya.D., Sarishvili, I.G.

Inst :  
Title : Removal of Organic Sulfur Compounds from Gases with  
Activated Clay from Deposits of the Georgian SSR.

Orig Pub : Zh. prikl. khimii, 1956, 29, No 6, 833-841

Abstract : Description of the layout and procedure, and also of the  
results, of laboratory experiments on adsorption, from  
the air, of organic sulfur compounds (carbon disulfide  
and thiophene) by means of activated clay: askaglina and  
gumbrin. The adsorbents were used in the form of tablets,  
produced under a pressure of 625 kg/cm<sup>2</sup>; it is shown  
that they can be used for the purification of dry gases,  
for example of coke gas fraction. In the course of the  
experiments a determination was made of the change in

Card 1/2

BEZUGLYY, S.F.; SARISHVILI, I.G.; LUKANINA, V.S.; POKROVSKIY, Ye.A.;  
UNTERBERGER, V.K.

Investigation of the chemical stability of mineral oils and oil  
fractions and development of nonphytotoxic emulsions based on  
them for controlling pests of citrus and other fruit cultures.  
[Trudy] NIUIF no.164:34-35 '59. (MIRA 15:5)  
(Insecticides)

BEZUGLYY S.F.; SARISHVILI, I.G.

Research in the chemical composition of petroleum oils with the  
object of using them in insecticides. [Trudy] NIUIF no.165:78-87  
'59. (MIRA 13:8)

(Petroleum--Analysis)

L 50343-65 EWT(m)/EPF(c)/EPR/EWP(j)/T Ps-4/Pr-4/Ps-4 RPL WW/JWD/RM  
UR/0191/65/000/005/0020/0021 38  
34  
B

ACCESSION NR: AP5012104

AUTHOR: Zhigach, A. F.; Sobolevskiy, M. V.; Sarishvili, I. G.;  
Akimov, B. A.

TITLE: New organoboron polymers 1

SOURCE: Plasticheskiye massy, no. 5, 1965, 20-21

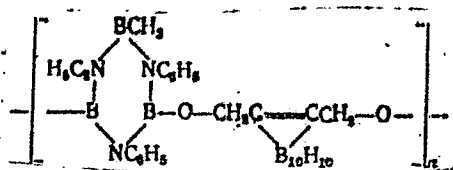
TOPIC TAGS: organoboron polymer, bishydroxymethylcarborane,  
carborane, carborane polyester, carborane polyether

ABSTRACT: New carborane polyesters (homo- or co-polymeric) and poly-  
ethers were prepared by the reaction of 1,2-bis(hydroxymethyl)car-  
borane with various reactants (the reactants and polymer properties  
are listed in Table 1 of the Enclosure) at reaction temperatures in  
the range 160—200C. The polyether from 1,2-bis(hydroxymethyl)car-  
borane and borazine derivatives, .

Card 1/3

L 50343-65

ACCESSION NR: AP5012104



had a high thermal stability (weight loss of 1% at 400C for 30 hr). Carborane polyurethanes were also prepared from the homo- and co-polymeric polyesters and diisocyanates. When various polyols were included among the reactants, the carborane polyurethanes were elastomers with good elastic properties [unspecified]. Orig. art. has: 1 table and 5 formulas [SM]

ASSOCIATION: none

SUBMITTED: 00

ENCL: 01

SUB CODE: 02, GC

NO REF SOV: 002

OTHER: 002

ATD PRESS: 4007

Card 2/3

L 50343-65

ACCESSION NR: AP5012104

ENCLOSURE: 01

Table L. Physicochemical properties of carborane polyesters and polyethers

| Reactants                                             | Mol. wt. | Density, g/cm <sup>3</sup> | M.p., °C | Viscosity, poises | Elemental composition, %                   |
|-------------------------------------------------------|----------|----------------------------|----------|-------------------|--------------------------------------------|
| Carborane polyesters from perfluorodicarboxylic acids |          |                            |          |                   |                                            |
| Perfluorosuccinic acid                                | 2500     | 1.20                       | —        | —                 | B—32.0 C—26.6<br>H—4.2 O—17.7—19.5         |
| Perfluoroglutaric acid                                | 3000     | 1.20                       | 55       | —                 | B—30.3 C—25.7<br>H—4.1 O—16—23.5           |
| Perfluoroadipic acid                                  | 3400     | 1.22                       | 50       | —                 | B—25.22 C—26.38<br>H—3.33 O—14.01—31.05    |
| Copolymeric carborane polyesters                      |          |                            |          |                   |                                            |
| Glutaric acid + di-ethylene glycol                    | 2000     | 1.12                       | —        | 34.8              | B—24.03 C—42.63<br>H—7.06 O—26.28          |
| Adipic acid + di-ethylene glycol                      | 2200     | 1.16                       | —        | 33.2              | B—23.45 C—43.67<br>H—7.23 O—25.65          |
| Carborane polyethers                                  |          |                            |          |                   |                                            |
| 1,2-Bis(chloromethyl)carborane                        | 2000     | 1.10                       | 120      | —                 | B—38.74 C—34.67<br>H—7.93 O—8.65           |
| 1,3,5-Triphenylborazine                               | 1300     | —                          | 170      | —                 | B—31.80 C—47.30<br>H—5.90 O—8.20<br>N—6.80 |
| Boric acid                                            | 1000     | —                          | 118      | —                 | B—55.70 C—23.00<br>H—5.70 O—15.30          |

Card 3/3



SVITSYN, R.A.; ZHIGACHEV, A.F.; SARISHVILI, I.G.; ASKADSKIY, A.A.; SCROKIN, P.Z.

Studying the properties of polyester carboranes. Plast. massy  
no.8:18-20 '65. (MIRA 18:9)

L 13357-66 (A)

EWI(m)/EWP(j)/T/EWA(c)

RPL

WW/JW/JWD/RM

ACC-NR: AP6002477

SOURCE CODE: UR/0191/66/000/001/0021/0022

AUTHORS: Sobolevskiy, M. V.; Zhigach, A. F.; Grinevich, K. P.; Sarishvili, I. G.; Siryatskaya, V. N.; Kozyreva, Ye. M.

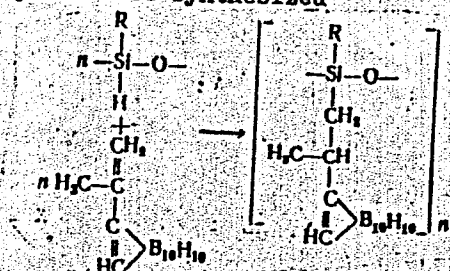
ORG: none

TITLE: Synthesis of polyalkylcarboranesiloxanes

SOURCE: Plasticheskiye massy, no. 1, 1966, 21-22

TOPIC TAGS: polymer, boron compound, borane, organosilicon compound, organoboron compound

ABSTRACT: To extend the available data on the properties of carboranesiloxane polymers described in J. Polymer Sci., 2 No. 1 (1964); 2 No. 7 (1964), the following polyalkylcarboranesiloxane polymers were synthesized



Card 1/2

UDC: 678.84

L 13357-66

ACC NR: AP6002477

where



The effects of pressure, temperature, and reaction time on the degree of reaction were studied. The weight loss of the polymers at 140C and 210C was determined as a function of time, and the results are shown graphically in Fig. 1.

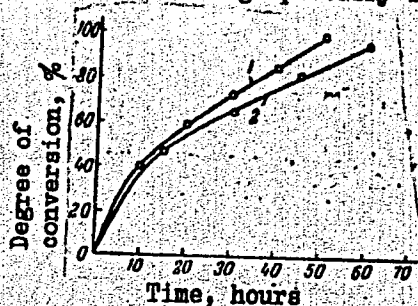


Fig. 1. Dependence of the degree of conversion on the reaction time for the reaction between polyethylhydrosiloxane and isopropenylcarborane at 250C. 1 - polyethylhydro-polyethylcarboranesiloxane; 2 - polyethylcarboranesiloxane.

It is noted that polyethylcarboranesiloxane has a greater thermal stability than polyethylhydro-polyethylcarboranesiloxane and the initial polyethylhydrosiloxane. Orig. art. has: 4 graphs and 2 equations.

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 002/ OTH REF: 003

Card 2/20 07/

L 20374-66 EWT(m)/EWP(j)/T/ETC(m)-6 WH/JW/JWD/RM

ACC NR: AP6006539

(A)

SOURCE CODE: UR/0191/65/000/011/0016/0018

AUTHORS: Akimov, B. A.; Bekasova, N. I.; Zhigach, A. F.; Zamyatina, V. A.; Korshak, V. V.; Sarishvili, I. G.; Sobolevskiy, M. V.

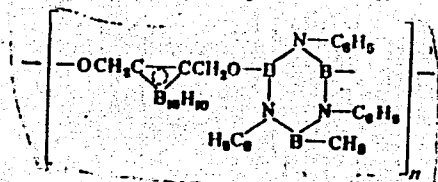
ORG: none

TITLE: Synthesis of thermostable polymers on the basis of borazole and carborane compounds

SOURCE: Plasticheskiye massy, no. 11, 1965, 16-18

TOPIC TAGS: copolymerization, boron compound, organoboron compound, thermal stability, polymer, organic synthetic process, thermomechanical property

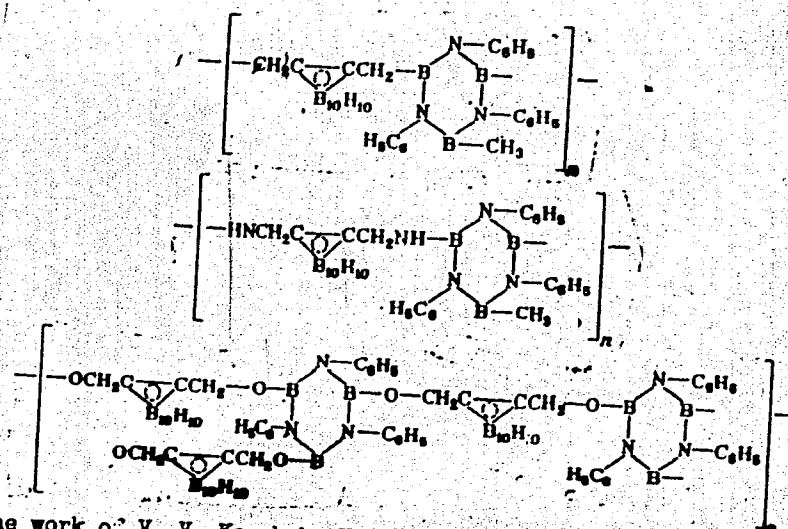
ABSTRACT: The following polymers were synthesized:



Card 1/3

UDC: 678.86

L 20374-66  
ACC NR: AP6006539



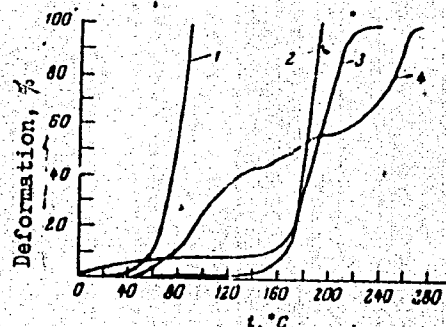
to extend the work of V. V. Korshak, V. A. Zamyatina, L. M. Gnursina, and N. I. Bekasova (*Vysokomolek. soyed.*, 5, No. 8, 1963). The thermomechanical properties and the thermal stability of the synthesized polymers were determined. The experimental

Cord 2/3

L 20374-66  
ACC NR: AP6006539

results are presented graphically (see Fig. 1).

Fig. 1. Thermomechanical curves for the polymers obtained by the polymerization of: 1 - B-methyl-N-triphenylborazole and dichlorodimethylcarborane; 2 - B-methyl-N-triphenylborazole and bishydroxymethylcarborane; 3 - N-triphenylborazole and bishydroxymethylcarborane; 4 - B-methyl-N-triphenylborazole and diaminodimethylcarborane.



It was found that polymers synthesized from N-triphenyl and B-methyl-N-triphenylborazoles and di-(oxymethyl)-carborane possessed the highest thermal stability. It is suggested that the increased stability is due to the presence of the highly stable B-O bond in the molecule. Orig. art. has: 2 graphs and 4 equations.

SUB CODE: 07,11/ SUBM DATE: none/ ORIG REF: 003/ OTH REF: 007

Card 3/3 vmb

L 44590-66 EWT(m)/EWP(j) WW/JW/JWD/RM

ACC NR: AP6015678 (A) SOURCE CODE: UR/0413/66/000/009/0077/0077

INVENTOR: Sobolevskiy, M. V.; Grinevich, K. P.; Zhigach, A. F.; Sarishvili, I. G. 28B

ORG: none

TITLE: Method of obtaining polyorganoborosiloxane polymers.<sup>1</sup> Class 39, No. 181299 ✓

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 9, 1966, 77

TOPIC TAGS: polymer chemical, organosilicon compound, polyorganoborosiloxane

ABSTRACT: An Author Certificate has been issued for a method of obtaining polyorganoborosiloxane polymers by the interaction of bishydroxymethylcarborane with organosilicon compounds upon heating. To expand the variety of initial compounds, an epoxypropoxyphenyltriethoxysilane is suggested as the organosilicon compound. [Translation] [NT]

SUB CODE: 11/ SUBM DATE: 24Feb65/

Card 1/1 *lgm*

UDC: 678.84.86.27

ACC NR: AP6032504

(A,N)

SOURCE CODE: UR/0413/66/000/017/0070/0070

INVENTOR: Zhigach, A. F.; Sobolevskiy, M. V.; Sorokin, P. Z.; Sarishvili, I. G.;  
Shpak, V. S.; Vilesova, M. S.

ORG: none

TITLE: Preparative method for boron-containing polymers. Class 39, No. 185487

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 17, 1966, 70

TOPIC TAGS: ~~boron-containing polymer~~, liquid polymer, ~~low molecular weight polymer~~,  
chemical synthesis, glycol, polyester resin, decaborane, dicarboxylic acid

ABSTRACT: An Author Certificate has been issued for a method for preparing boron-containing liquid polymers with a molecular weight of 1500—3000 based on polyester-decaborilene [sic]. The method involves preparation of two individual low-molecular-weight esters by reacting at 180C: 1) di(hydroxymethyl)decaborilene [sic] with a dicarboxylic acid [unspecified]; and 2) the dicarboxylic acid with a glycol [unspecified]. The two esters are mixed, heated to about 200C, and held at this temperature in a inert gas for about 50 hr.

SUB CODE: 21, 07/ SUBM DATE: 21Jul62/

Card 1/1

UDC: 678.86.27



SARISHVILI, N.G.; KOLCHANOVA, G.S. [Kolchanova, H.S.]; SEMENOV, V.F.

New technological flow sheets for the manufacture of wine yeast  
on continuous production lines. Khar.prom. no.2:8-11 Ap-Je '62.  
(MIRA 35:9)

1. Kiyevskiy zavod shampanskikh vin.  
(Ukraine—Champagne (Wine)) (Fermentation)

SARISHVILI, M. G.; SEMENOV, V. F.

Physical and microbiological processes in wine champagnization  
on a continuous production line. Khar. prom. no.1:23-26  
Ap '63. (MIRA 16:4)

(Champagne(Wine))

RODOPULO, A.K.; YEGOROV, I.A.; SARISHVILI, N.G.

Production of higher alcohols by wine yeasts. Mikrobiologiya 32  
no.6:1066-1072 N-D '63 (MIRA 18:1)

1. Institut biokhimi imeni A.N. Rakha AN SSSR.

SISAKYAN, N.M.; RODOPULO, A.K.; YEGOROV, I.A.; SARISHVILLI, N.G.

Products of the transformation of amino acids by yeasts and their  
effect on the quality of champagne. Biokhim. vin. no.7:131-147 '63.  
(MIRA 16:4)

1. Institut biokhimii imeno A.N.Bakha AN SSSR i TsNILVishv Ministerstva  
sel'skogo khozyaystva SSSR.  
(Champagne (Wine)) (Amino acids)

RODOPULO, A.K.; SARISHVILI, N.G.

Biochemical processes in treating wine-making materials  
before champagnization by biologically continuous method,  
Prikl. biokhim. i mikrobiol. 1 no. 6:669-674 N-D '65.

(MIRA 18:12)

1. Institut biokhimii imeni Bakha AN SSSR i Tsentral'naya  
nauchno-issledovatel'skaya laboratoriya vinodeliya i severnogo  
vinogradarstva.

SARISHVILI, Sh. V., Cand Tech Sci -- (diss) "Study of block brakes of load-lifting machines." Tbilisi, 1957. 17 pp (Min of Higher Education USSR, Order of Labor Red Banner Georgian Polytechnic Inst im S. M. Kirov), 100 copies (KL, 2-58, 113)

-40-

SARISHVILI, Sh.V.

Distribution of specific pressures in the brakes of hoisting machinery. Soob. AN Gruz. SSR 19 no. 4:459-466 O '57. (MIRA 11:5)

1. Tbilisskiy institut inzhenerov zheleznodorozhnogo transporta im. V.I. Lenina. Predstavleno akademikom V.V. Makhaldiani.  
(Cranes, Derricks, etc.--Brakes)

GOTOSHIYA, V.S.; SARISHVILI, Sh.V.

[Design of hoisting machinery]Proektirovanie gruzopod"emnykh mashin. Tbilisi, Izd-vo Gruzinskogo politekhn. in-ta im.V.I. Lenina. Pt.1.[Fundamental design data]Osnovnye raschetnye dannye. 1961. 45 p. Pt.2.[Album of construction drawings]Al'bom konstruktivnykh chertezhei [By]V.S.Gotoshiia, Sh.V.Sarishvili. 1961. 1 v. diags. (MIRA 15:12)  
(Hoisting machinery)



SARISYAN, G.M.

Sarisyan, G.M. "A semi-relativistic equation for particles", Vestnik Mosk. un-ta, 1948, No. 10, p. 119-22.

SO: U-3042, 11 March 53, (letopis 'nykh Statey, No. 10, 1949).

SARIUSH-ZALESSKIY, F. I.

PA 34/49T26

USSR/Medicine - Blood Transfusion, Technique Jun 48  
Medicine - Blood Transfusion, Complica-  
tions and Sequels

"Blood Transfusion Technique in Cases Where the Veins  
Are Small," F. I. Sariush-Zalesskiy, Cand Med Sci,  
Faculty Surg Clinic, Rostov/Don Med Inst, 1 p

"Khirurgiya" No 6

Describes procedure in detail, with two photographs.

34/49T26

EDEL'SHTEYN, I.L.; SARIUSH-ZALESSKIY, Yu.F.

Spring compressor for stopping hemorrhages in surgery of the  
tonsils. Vest. oto-rin. 17 no.5:75-76 S-O '55. (MLBA 9:2)

(HEMORRHAGE) (TONSILS--SURGERY)  
(SURGICAL INSTRUMENTS AND APPARATUS)

SARIUSH-ZALESSKIY, Yu.F.

Endophotography in otorhinolaryngology. Vest. otorin. 22 no.1:  
72-73 Ja-F '60. (MIRA 14:5)

1. Iz kliniki bolezney ukha, gorla i nosa (zav. - prof. A.R.Khanamirov)  
Rostovskogo-na-Donu meditsinskogo instituta.  
(OTOLARYNGOLOGY) (PHOTOGRAPHY, MEDICAL)

POPOV, B.; MYTNICHENKO, A.; SARIYEV, N.; MIKHAYLOV, A.; ISAKOV, V.I.,  
red.; TELEGINA, T., tekhn.red.

[Use of an electronic calculating machine in accounting and  
noun calculations] Primenenie elektronnoy vychislitel'noy mashiny v  
uchete i normativnykh raschetakh. Moskva, Gosfinizdat, 1960.  
95 p. (MIRA 13:6)

(Electronic calculating machines) (Accounting)

[illegible]

SARKA, J.

Analysis of alcohol consumption, as an instrument of the fight against  
alcoholism. p.138.

VYZIVA LIDU. (Spolecnost pro racionalni vyzivu)  
Praha, Czechoslovakia, Vol.14, no.9, Sept.1959

Monthly List of East European Accessions (EEAI) LC, Vol.8, no.12  
Dec. 1959  
Uncl.

SARKADI, H.

KORPASSY, B.; ORMOS, J.; SARKADI, A.; GERLEI, F.; SARVAY, T.

Giant follicular lymphoblastoma (Brill-Symmers disease) as a preblastomatosis with transition into malignant hemoblastoses. Acta morph. hung. 4 no.2:201-208 1954.

1. Institut für Pathologische Anatomie (Direktor: Prof. B.Korpassy) und I. Klinik für Innere Medizin (Direktor: Prof. G.Hetenyi) der Medizinischen Universität in Szeged; Abteilung für Innere Medizin (Leiter: T.Sarvay) und Abteilung für Pathologie (Leiter: F.Gerlei) des Komitatskrankenhauses von Szabolcs-Szatmar, Nyiregyhaza (Director: B.Zempleni)

(LYMPHOSARCOMA

giant follicular, pathol.)



KORPASSY, Bela, dr.; ORMOS, Jeno, dr.; SARKADI, Adam, dr.; SARVAY,  
Tivadar, dr.; GERLEI, Ferenc, dr.

Giant follicular lymphoblastoma (Brill-Symmers' disease) as  
preblastomatous process with transition into other malignant  
hemoblastoses. Orv hetil 95 no.19:508-512 My '54. (EKAL 3:8)

1. A Szegedi Orvostudományi Egyetem Kóronctani Intézetének  
(igazgató: Korpassy Bela dr. egyet. tanár) és I. sz. Belklinika-  
jának (igazgató: Hetenyi Geza dr. egyet. tanár), a Szabolcs-  
Szatmar megyei Tanács Kórháza Nyíregyháza (igazgató: Zempleni  
Bela dr.) Belgyógyászati Osztályának (főorvos: Sarvay Tivadar dr.)  
és Kóronctani-kórszövettani Osztályának (főorvos: Gerlei Ferenc  
dr.) közleménye.

(LYMPHOSARCOMA

\*giant, follicular, transition from giant follicular  
lymphadenopathy)

Psychiatry

HUNGARY

SAMU, Istvan, Dr. SARKADI, Adam, Dr. BERTHOLD, Eva, Dr. ANTAL, Ilona, Dr; City Council of Balassagyarmat, Hospital, Neurological and Psychiatric Ward for Male Patients (chief physician: SAMU, Istvan, Dr) (Balassagyarmati Varosi Tanacs Korhaza, Ferfi Ideg es Pszichiatriai Osztaly).

"Nearly Ten Thousand Successive Electroshock Treatments Under Relaxant Protection."

Budapest, Orvosi Hetilap, Vol 108, No 7, 12 Feb 67, pages 293-295.

Abstract: [Authors' Hungarian summary] The experiences with 9787 successive electroshock treatments administered to 253 patients and performed under succinylcholine chloride relaxation and with mechanical respiration using oxygen, are reported. It is concluded that, in such a manner, electroshock can be administered almost free of complications even while the patients are under neuroleptic and reserpine therapy and that extremely good and rapid therapeutic effects are achieved by it. 3 Hungarian, 32 Western references.

SARKADI, Adam, dr. (Szekszard, Wocsinszky M.u.15)

Educational effect? Auto motor 16 no.9:5 6 My '63.

SARKADI, Erzsebet

HUNGARY

MATE, Karoly, Dr, BIRTALAN, Gyozo, Dr, GYORFFY, Erzsebet, Dr, NEMES, Valeria, Dr, SARKADI, Erzsebet, Dr, LOVEI, Elemer, Dr; Tetenyi Avenue Hospital, III. Medical Ward and the medical district belonging to it (Tetenyi uti Korhaz, III. Belosztaly es a hozzatartozo orvosi korzetek)

"The Role of Potassium in the Treatment of Cardiac Decompensation."

Budapest, Orvosi Hetilap, Vol 103, No 51, 23 Dec 62, pages 2427-2429.  
Hungarian

Abstract: [Authors' Summary] 35 patients with cardiac decompensation were treated with cardiacums, diuretics and KCl. The combination of the three proved more effective than cardiacums and hypotiazid alone. There are no contraindications for potassium therapy. If K is given, fluids need not be restricted, Na restriction is easier tolerated. With daily K doses of 2-4 grams 28 patients showed good improvement. This dose does not alter significantly the serum K level. Seven patients showed improvement of their EKG along with the compensation.  
[12 Soviet-bloc 10 Western references]

FODOR, Gyorgy; SARKADI, Gyorgy

The situation and perspectives of long-distance heating. Pecs  
musz szeml 7 no.2/3:41-44 Ap-S '62.

1. Pecs Borgyar, es "Pecs Muszaki Szemle" felelosz szerkesztoje  
es szerkeszto bizottsagi tagja (for Fodor). 2. Pecs varos  
tinascsa (for Sarkadi).

SARKADI, I.

On the Hungarian plain. p.36.

KOOPERATIVNO ZEMEDELIE, Sofya, Vol. 11, no. 4, Apr. 1956.

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 5, No. 6, June 1956, Uncl.

SARKADI SZABO, Istvan

Some questions relating to the statics of civil engineering. Magyar  
ipar 10 no.5:226-232 '61.

CA

Two opinions about the appraisal of humus substances.  
László Tevrek and János Sarkadi. *Agrokémia* 2: 28-18  
(1950).—A review describing the theories of Springer and  
Gierke and of Tjulin with 9 references. I. F.



SARKADI, JANOS

Several laboratory innovations. Janos Sarkadi (Agrichem. Research Inst., Budapest). *Agrichem. 1, 111-14(1951)*. --The soil is placed upon a 1-cm.-high cotton layer in a U-shaped glass tube and the leaching liquid is sucked through cotton and soil, the liquid level being kept stable. This app. is suitable for scientific investigations, plotting of extn. curves, etc. To det.  $\text{CO}_2$ , the gaseous  $\text{CO}_2$  is usually absorbed by a soln. of  $\text{NaOH}$  and the liquid is titrated with  $\text{HCl}$  to pH 8.5. This titration can be made more accurate by using complex II instead of phenolphthalein. Bromothymol blue was more suitable than phenolphthalein for the titration of formol in the detn. of the T value of soils. When using solns. of  $\text{K}_2\text{Cr}_2\text{O}_7$  for humus detn., Ba detn., etc., a direct titration of dichromate is possible with a ferrous sulfate soln. when ferroin is applied as indicator. The liquid must be strongly acid and the titration performed at room temp. István Pinczy

Sarkadi, János

✓ Laboratory examination of manures incubated with phosphorite and apatite. Hedvig Balláné Kornis and János Sarkadi (Agrochem. Research Inst., Budapest). *1978 Kémia és Talajtan* 4, 471-8 (1982). — P fractions were detd. in manures incubated with 2% Gafsa phosphate (I), with 2% Kola phosphate (II), same as I but moistened with liquid manure (III), same as II but moistened with liquid manure (IV), and manure alone (V). Samples were extd. by a 0.04N Ca lactate soln. adjusted to pH 4, by a mixt. of ether and alc., and by N KOH. The alc. ext. was treated with trichloroacetic acid to sep. 2 fractions (a) and (b).  $P_2O_5$  was detd. after destruction of org. substances with  $H_2SO_4$  and  $H_2O_2$  by the Laury and the modified Zinzadze method. The values of  $P_2O_5$  content obtained were as follows: (as percentages of dry substance). Ca lactate ext.: I 0.46, II 0.50, III 0.38, IV 0.44, V 0.13; ether-alc. ext.: 0, 0, 0.01, 0.01, 0.004; KOH ext.: a, 0.11, 0.12, 1.31, 1.32, 0.01, b, 0.00, 1.01, 1.72, 1.35, 0.05; insol. residue 3.25, 3.68, 1.45, 1.59, 0.14; total 4.72, 5.31, 4.87, 4.71, 1.27; resp. indicating that 87-89% of the crude phosphate was insol. in manures I and II whereas the insol. portion of manures III and IV ranged only from 38 to 42%. Since previous investigations showed that these solvents dissolve only an insignificant portion of the P content of crude phosphates the solubilizing effect must be caused by biol. processes in incubated manure. I. Finally

SARKADI, JÁNOS

✓ The influence of ammonia and nitrate nitrogen on the phosphorus absorption capacity of various artificial phospho-manures through *Aspergillus niger*. János Di Gléria, Mrs. Sándor Erdi, and János Sarkadi (Agrochem. Research Inst., Budapest). *Agronomie et Talaian* 3, 373-81(1954) (French and German summaries).—It was found that *A. niger* picks up P from Kola and Gafsa phosphates if the culture medium is neutral. If the source of N is only  $\text{NH}_4$  ions the amt. of phosphate picked up is min. because of physiol. acidity. This acidity then causes decreased absorption of P. It is probable that this decrease is caused by P ions. Nella Hellinger

Sarkadi, János

Quick methods for determination of "total" nitrogen, phosphorus, and potassium in manures. János Sarkadi, István Perczel, Györgyi Belea, Gyula Latorczai, and Béla Legény (Agrokémiai Kutató Intézet Szervestrágyázási Osztálya, Budapest). *Agrokémia és Talajtan* 4, 71-80 (1955) (German summary). The samples of manure were broken down chemically, by using the modified Jodbauer method in the 1st batch, and  $H_2SO_4$  and  $H_2O_2$  in the 2nd batch. The N was detd. by the Kjeldahl method. The results obtained by the 2 different methods showed good agreement. The  $P_2O_5$  was detd. colorimetrically; the phosphomolybdate complex was reduced with metal.  $K_2O$  was detd. with the use of Schuhknecht-Waibel flame photometer. Nella Hellinger

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| COUNTRY    | : Hungary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |   |
| CATEGORY   | : Soil Science. Biology of Soils.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | J |
| DOC. NO.   | : Zembiel., No. 23 1958, No. 104448                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |
| AUTHOR     | : Sarkadi, János                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |   |
| INST.      | : Institute of Agrochemistry, Hungarian Acad. of Sciences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |   |
| TITLE      | : The Composition of Soil Organic Matter. I. Determination of the Quantity of Organic Matter in Various Extracts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |   |
| ORIG. PUB. | : Agrochim. és talaj., 1957. 6, No. 4, 311-320                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |
| ABSTRACT   | : When determining soil content of organic matter by the Shollenberger-Tyulin oxidometric method, the titration of an abundance of $K_2Cr_2O_7$ with Mohr's salt in the presence of a ferroin indicator is recommended; this increases the accuracy of the test. Determination accuracy using this method depends in large measure on the size of titration value of 0.4 H. $K_2Cr_2O_7$ . The titration value must be between 0.99 and 1.01. When determining the content of organic matter in solutions, the latter must be precisely neutralized. Examples of determinations are presented. The work was carried out in the Institute of Agrochemistry of the Hungarian Academy of Sciences in Budapest.--P. V. Shramko |   |
| Card:      | 1/1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |

SARKADI, J.

SCIENCE

PERIODICALS.: ~~AGTA ZOOLOGICA. Vol. 64, No. 7/8 July/Aug. 1958~~

MAGYAR KEMIAI FOLYOIRAT. Vol. 64, No. 7/8 July/Aug. 1958

Sarkadi, J. Critical appraisal of some colorimetric methods for determining phosphorus from the point of view of agrochemical investigations. p. 243

Monthly list of East European Accessions (EEAT) LC, Vol. 8, No. 2  
February 1950, Unclass.

RETEZAR, Arpad; ~~BUNYITAI~~, Janos; SARKADI, Janos; KERPELY, Antal;  
ZAMORY, Eva

Investigations of ammonium humate containing organic compounds  
in culture vessels. Veszprem vegyip egy kozl 3 no.1/4:59-78 '59

1. Veszpremi Vegyipari Egyetem Asvanyolaj- es Szentechnologia  
Tanszek (for Retezar, Bunyitai and Kerpely). 2. Magyar Tudos-  
manyos Akademia Talajtani es Agrokemiai Kutato Intezete (for  
Sarkadi). 3. Orszagos Mezogazdasagi Minosegvizsgalo Intezet  
(for Zamory).

SARKADI, Janos

Soviet agrochemical research. Agrochem talajtan 2 no.1:135-136  
Mr '62.



SARKADI, Janos

Remark about Istvan Mihalyfalvy's article "Significance of green-manning of irrigated soils." Agrochem talajtan 11 no.2:271-272 Je '62.

1. Magyar Tudomanyos Akademia Talajtani es Agrochemiai Kutato Intezete, Budapest.

SOMOGYI, Gyorgy, dr.; TOTH, Bela, dr.; technikai munkatársak: KUKUCSKA, János;  
SARKADI, János

Determination of the hepatic blood flow by the use of radioactive  
gold colloid. Orv. hetil. 104 no.15:687-689 14 Ap '63.

1. Budapesti Orvostudományi Egyetem, II. Belklinika és a Váci-úti  
Hepatitis kórház.

(GOLD COLLOID, RADIOACTIVE) (HEPATITIS) (LIVER CIRRHOSIS)  
(BLOOD VOLUME DETERMINATION) (LIVER) (BLOOD FLOW VELOCITY)

~~SARKADI~~, Janos, a mezogazdasagi tudomanyok kandidatusa; LANG, Istvan, a mezogazdasagi tudomanyok kandidatusa

An account of the 4th symposium on agricultural chemistry. Magyar tud 69 no.10:661-663 0 '62.

1. Magyar Tudományos Akademia Talajtani es Agrokemiai Kutato Intezete osztalyvezetoje. (for Sarkadi). 2. Magyar Tudományos Akademia Talajtani es Agrokemiai Kutato Intezete tudomanyos munkatarsa. (for Lang).

SARKADI, Janos

Achievements of the international cooperation in the further  
development of methods for the quantitative analysis of  
nutrients in the soil. Agrochem talajtan 12 no.2:319-322  
Jl '63.

SARKADI, J.; GYORFFY, B.; BALLA, H.

Effect of fertilization systems excluding farmyard manures  
on the Hungarian chernozem soils. Agrochem talajtan 13  
Suppl.:129-138 My '64.

1. Research Institute of Soil Science and Agricultural  
Chemistry of the Hungarian Academy of Sciences, Budapest.

SIMONYI, Janos, dr.; SOMOGYI, Gyorgy, dr.; GRAF, Ferenc, dr.; SARKADI, Janosne, technikai munkatars.

Differential diagnosis of splenomegaly with the aid of  
colloid gold isotopes (Au-198). Orv. hetil. 105 no.11:  
485-487 15 Mr '64

1. Budapesti Orvostudományi Egyetem, II. Belklinika (igazgató:  
Gomori Pal, dr.)

\*

SARKADI, K.

SARKADI, K. Waiting time of locomotives. p. 191.

Vol. 3, No. 1/2, 1954 (published 1955)

KOZLEMENYEI

SCIENCE

Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

SARKADI, K.

SARKADI, K. Sheppard's correction concerning the main deviation. p. 183.

Vol. 3, No. 1/2, 1955 (published 1955)

KOZLENYEI

SCIENCE

Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May, 1956



Sarkadi, Károly. Generalized hypergeometric distributions. Magyar Tud. Akad. Mat. Kutató Int. Közl. 2 (1957), 59-69. (Hungarian and Russian summaries)

The author shows that the Pólya distribution is a special case of the generalised hypergeometric distribution of C. D. Kemp and A. W. Kemp [J. Roy. Statist. Soc. B. 18 (1956), 202-211; MR 18, 769], and several known distributions (e.g., Laplace's law of succession) are special cases of the Pólya distribution. Finally, it is shown that every random variable with possible values  $0, 1, \dots, n$  can be expressed as a sum of  $n$  equivalent random variables with possible values 0 and 1.

L. Takács (London)

SARKADI, K.

On testing for normality. In English. Mat kut kozl MTA 5 no.3:  
269-275 '60. (EKA1 10:8)

(Transformations(Mathematics)) (Errors, Theory of)  
(Distribution(Probability theory)) (Probabilities)

SARKADI, K. (Budapest)

A rule of dualism in mathematical statistics. Acta mat Hung 11  
no.1/2:83-92 '60. (EEAI 9:12)

1. Presented by A.Renyi.  
(Mathematical statistics)

SARKADI, Karoly

On Galton's rank order test. Mat kut közl MTA 6 no.1/2:127-131 '61.

(Probabilities)

H/502/62/031/001/001/002  
D409/D301

AUTHORS: Bánkóvi, Gy., Sarkadi, K., Horváth, J. and Jakob, K.  
TITLE: The design and evaluation of diesel-oil desulphurization experiments by mathematical-statistical methods  
SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 31, no. 1-3, 1962, 23-30

TEXT: The High-Pressure Research Institute in Budapest - Pétfürdő is conducting research on hydrorefining of sulphur-rich diesel-oil cuts obtained from Soviet crude. To facilitate the tedious experiments, the mathematical-statistical method of so-called factorial experiments with partial repetition was used and is described in this article. This widely used method was slightly modified to meet the requirements of experiments aimed at determining the influence of operating conditions on the efficiency of the hydrorefining process. The test results can generally be formulated

$$z = f(u, v, x, y) + \varepsilon_{u, v, x, y}$$

Card 1/3

The design and evaluation ...

H/502/62/031/001/001/002  
D409/D301

where  $f(u,v,x,y)$  is the systematic influence of operating conditions (pressure, temperature, space velocity, and gas-to-product ratio), and  $\epsilon_{u,v,x,y}$  are random variables with expectation zero. Using this mathematical model and some simplifying assumptions (neglect of higher-order interactions), it was possible to reduce hydrorefining experiments from 81, i.e. all possible combinations of the four factors in three levels, to only 36 at an estimated error (block design) of  $\pm 4 - 5\%$ . The hydrorefining tests proper were performed in a 200 ml laboratory-scale and a 400 l semi-production scale reactor. It was found that the desulphurization efficiency could be increased by raising the reaction temperature (to 360 - 390°C) or pressure, and reducing the space velocity. An optimum desulphurization degree was attained at a gas-to-product ratio of 500 Nm<sup>3</sup>/m<sup>3</sup>. There are 2 figures and 1 table. The English-language references are: O. Kempthorne: The Design and Analysis of Experiments. (Wiley, New York) 1952; D.J. Finney: An Introduction to the Theory of Experimental Design. (The University of Chicago Press) 1960; K.A. Brownlee: Industrial Experimentation. 1947.

Card 2/3

The design and evaluation ...

H/502/62/031/001/001/002  
D409/D301

ASSOCIATION: Mathematical Institute of the Hungarian Academy of  
Sciences, Budapest V. Reáltanoda u. 13-15 (György  
Bánkóvi and Károly Sarkadi): High-Pressure Research  
Institute, Budapest-Pétfürdő, Lenin ut 91, Hungary  
(József Horváth and Károly Jakob)

SUBMITTED: September 15, 1961

Card 3/3

HAJOS, Gyorgy; KALMAR, Laszlo; SURANYI, Janos; TURAN, Pal; POSA, Lajos;  
DE BRUJIN, N.G. (Amsterdam, Holland); SARKADI, Karoly; FRIED,  
Ervin; WIEGANDT, Richard; ERDOS, Pal

Mathematical problems. Mat lapok 12 no.3/4:253-258 '61.

1. "Matematikai Lapok" szerkesztoje (for Hajos and Kalmar).
2. "Matematikai Lapok" felelos szerkesztoje (for Turan).



SARKADI, Karoly

Addendum to the paper "On Galton's rank order test." Mat kut  
kozl MTA 7 Ser.A no.1/2:223 '62.

SANKADI, Karoly; SCHNELL, Edit; VINCZE, Istvan

On the position of the sample mean among the ordered sample elements. Mat kut kozl MTA 7 series A no.3:239-254 '62.

1. Hungarian Central Statistical Office. (for Schnell).

SARKADI, Karoly, dr.

Some mathematical questions in connection with reliability tests. Hir techn 14 no.2:60-64 Ap '63.

1. Magyar Tudományos Akademia Matematikai Kutatointezet.

SARKADI, Karoly; CSAKI, Endre; BALOGH, Albert

Dependability tests by means of mathematical methods. Hir techn  
15 no.11-332-339 N '64.

1. Research Institute of Mathematics, Hungarian Academy of Sciences,  
Budapest (for Sarkadi and Csaki). 2. Research Institute of Telecommuni-  
cation Engineering Industry, Budapest (for Balogh).

SARKADI, Lajos

Thanks to the workers of the Retail Trade Enterprise for Bicycles,  
Radios and Electrical Appliances in Szentes. Auto motor 11  
no.22:6 1 D '58.

1. Postafelugyelo, Kisvarda.

*Sarkadi, Nagy, Endre*  
PAP, Zoltan, dr.; ~~SARKADI~~ NAGY, Endre, dr.

Discopathy as a popular disease. Nepegysegegy 35 no.8:221-225  
Aug 54.

1. Kozlemeny a debreceni varosi tanacs korhaza (igazgato-foorvos:  
Muranyi Klara, dr.) idegosztalyarol (foorvos: Pap Zoltan dr.)  
(INTERVERTEBRAL DISC, diseases  
incidence in Hungary)

SARKADY, Laszlo, dr.

Mass poisoning caused by use of a lead-glazed pottery. Orv. hetil.  
95 no.28:758-762 11 July 54.

1. A Szolnokmegyei Tanacs Korhaza Belosztalyanak (osszlyvezeto:  
Sarkady Laszlo dr.) kozlemenye  
(LEAD POISONING, etiology and pathogenesis  
marmalade in lead-glazed pottery)

KLUG, Otto; SAJO, Istvanne, dr.; BODI D., okleveles kohomernok; SARKADY,  
S. -ne, technikus;

Flame photometric analyses in magnesium metallurgy. Koh  
lap 96 no.11:519-521 N°63.

1. Femipari Kutato Intezet, Budapest.



SZALAY, L.; GATI, L.; SARKANY, B.

On the fundamental polarization of the fluorescence of viscous solutions. Acta phys Hung 14 no.2 3:217-224 '62.

1. Institute of Experimental Physics, The University, Szeged.  
Presented by G. Szigeti [Gyorgy Szigeti]

|            |                                                                                                                                                                                                                                                                                                                                  |       |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| COUNTRY    | : Hungary                                                                                                                                                                                                                                                                                                                        | B-4   |
| CATEGORY   | : Physical Chemistry, Molecule, Chemical Bond,                                                                                                                                                                                                                                                                                   |       |
| ABS. JOUR. | : RZKhim., No. 16 1959, No.                                                                                                                                                                                                                                                                                                      | 56088 |
| AUTHOR     | : Ketskemety, I., Marek, N., and Sarkany, B.                                                                                                                                                                                                                                                                                     |       |
| INST.      | : Not given                                                                                                                                                                                                                                                                                                                      |       |
| TITLE      | : Investigation of the Relationship Between the Absorption Spectra and Polarization in Some Fluorescent Derivatives of Morin                                                                                                                                                                                                     |       |
| ORIG. PUB. | : Acta Phys et Chem Szeged, 4, No 1-2, 21-29 (1958)                                                                                                                                                                                                                                                                              |       |
| ABSTRACT   | : The authors discuss the problem of the determination of the true polarization spectra. A new method is proposed for the determination of the true polarization spectrum, taking into account possible changes in the spectra resulting from increases in the viscosity. The method has been applied to the study of Al-morins. |       |
|            | From authors' summary                                                                                                                                                                                                                                                                                                            |       |

CARD: 1/1

8

FARADIN, Imre; SARKANY, Bela

~~Fluorometric determination of the adrenalin content of blood plasma and tissues; comparative studies with the Weil-Malherbe and Bone, and also the Euler and Floding reactions. Kiserletes orvostud. 10 no.2-3:174-183 Apr-June 58.~~

1. Szegedi Orvostudományi Egyetem I. sz. Belklinika és a Szegedi Tudományegyetem Kísérleti Fizikai Intézete.

(EPINEPHRINE, determ.

fluorometry in blood & tissues, comparison of various reactions (Hun))

FAKEDIN, Imre; SARKANY, Bela W.-ne Simor Ilona technikai segedletevel.

Side-by-side fluorometric determination of adrenalin and nora-  
drenalin. Kiserletes Orvostudomány 11 no.1:40-45 Feb 59.

1. Szegedi Orvostudományi Egyetem I. sz. Belklinika és a Szegedi  
Tudományegyetem Kísérleti Fizikai Intézete.

(EPINEPHRINE, determ.

fluorometry, simultaneous determ. with arterenol (Hun))

(ARTERENOL, determ.

fluorometry, simultaneous determ. with epinephrine  
(Hun))

D. SARKANY

"Enthusiastic activists," p. 18. "The distribution of annual leave during this year was regulated." p. 19. "We are creating night sanatoria." p. 19.  
(TARSADALOMBIZTOSITAS ES MUNKAVEDLEM, Vol. 5, no. 1/2, Jan./Feb. 1953, Budapest, Hungary.)

SO: Monthly List of East European Accessions, L.C., Vol. 2 No. 7, July 1953, Uncl.

SARKANY, E.

Filling compounds for insulating porcelains, p. 107.

(Electrotechnika, Budapest, Vol. 48, no. 3, Mar. 1955)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, no. 6, June 1955 Uncl

SARKANY, E.

Data on infant mortality in Hungary and Czechoslovakia. Cesk.  
pediat. 19 no.6:548-551 Je'64

1. Detske oddeleni a poliklinika nemocnice Heim Pal, Budapest.

HUNGARY/Chemical Technology. Chemical Products and Their  
Application. Synthetic Polymers. Plastics.

H

Abs Jour: Ref Zhur-Khim., No 13, 1958, 45072.

Author : Sarkany Ferenc.

Inst :

Title : Use of Polyethylene Films and Tubing.

Orig Pub: Csomagolas-technika, 1957, 2, No 4, 87-88.

Abstract: Description of properties and uses.

Card : 1/1



SARKANY, Gy.

"Problems of instruction of chemical engineers and chemists in the German Democratic Republic."

Magyar Kemikusok Lapja, Budapest, Vol 9, No 4, Apr. 1954, p. 97

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

SARKANY, G.

H-2

COUNTRY : Hungary  
CATEGORY :

ABS. JOUR. : RZKhim., No. 20 1959, No. 71691

AUTHOR : Jung, G.; Rozsa, P.; Sarkany, G.

TEST. :  
TITLE : Determination of the Number of Theoretical Steps of Countercurrent Separation

ORIG. PUB. : Magyar tud. akad. Mat. kutato int. kozl., 1957 (1958), 2, No 3-4, 227-245

ABSTRACT : As a general study model of rectification apparatus, absorbers, and extractors, there is considered a countercurrent extractor comprising  $n$  steps, with the feed-inflow to the  $k$  step. The system of equations for determination of the number of theoretical steps  $n$  is derived on the basis of the balance of materials for each step, with the following assumptions: the phase equilibrium curve can be replaced by a broken line; operating line of the process is a straight line; the inflowing mixture becomes distributed between the 2 currents in a definite ratio. The system of equations is solved for specific instances that are of practical importance. It is noted

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2

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